

# INTERNATIONAL SEARCH REPORT

PCT/GB2004/004819

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N65/00 A62D3/00  
 //(A01N65/00,65:00,25:20,25:18)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N A62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, CAB Data, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 716 143 A (VEITH, HORST K) 12 June 1996 (1996-06-12) column 2, line 56 - column 3, line 44 column 4, line 18 - line 22 column 6, line 35 - line 38 column 7, line 52 - line 58 column 8, line 31 - line 41 column 8, line 54 - column 9, line 23 column 9, line 43 - line 47 column 12, line 28 - line 58	1,7,8, 11,12
X	WO 93/15774 A (BLANC, MICHEL) 19 August 1993 (1993-08-19) page 1, line 28 - line 32 page 2, line 11 - line 31 page 5, line 6 - page 6, line 3 page 6, line 25 - line 31 page 7, line 9 - page 8, line 16	1,8,11, 12

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

28 April 2005

Date of mailing of the international search report

26 MAY 2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI  Section Ch, Week 199745  Derwent Publications Ltd., London, GB;  Class D13, AN 1997-487913  XP002317531  &amp; RU 2 077 228 C1 (FOOD AROMAS ACIDS  DYESTUFFS RES INST)  20 April 1997 (1997-04-20)  abstract</p>	13
X	<p>PATENT ABSTRACTS OF JAPAN  vol. 011, no. 030 (C-400),  29 January 1987 (1987-01-29)  &amp; JP 61 201103 A (MITSUBISHI RAYON),  5 September 1986 (1986-09-05)  abstract</p>	13
X	<p>DATABASE WPI  Section Ch, Week 200269  Derwent Publications Ltd., London, GB;  Class C03, AN 2002-638679  XP002317533  &amp; JP 2002 173407 A (FUMAKILA KK)  21 June 2002 (2002-06-21)  abstract</p>	13
X	<p>DATABASE WPI  Section Ch, Week 200504  Derwent Publications Ltd., London, GB;  Class D22, AN 2003-718653  XP002317534  &amp; KR 2003 044 306 A (CJ CORP)  9 June 2003 (2003-06-09)  abstract</p>	13
A	<p>WO 01/76371 A (RECKITT BENCKISER LIMITED;  UNIVERSITY OF SOUTHAMPTON; MCKECHNIE,  MALC) 18 October 2001 (2001-10-18)  cited in the application  page 2, line 17 - line 26  page 3, line 5 - page 6, line 27  examples 1-10</p>	1-13
A	<p>WO 99/15208 A (RECKITT &amp; COLMAN PRODUCTS  LIMITED; SUH, JANETTE; MCKECHNIE, MALCOLM,  T) 1 April 1999 (1999-04-01)  cited in the application  page 2, line 10 - line 29  page 3, line 10  page 7, line 5 - page 8, line 19</p>	1-13
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	C.M.PRIESTLEY ET AL.: "Effects of essential oils on house dust mites" JOURNAL OF PHARMACY AND PHARMACOLOGY. SUPPLEMENT, vol. 50, 1998, page 193, XP002317530 GBPHARMACEUTICAL SOCIETY OF GREAT BRITAIN, LONDON the whole document	1-13
X	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002326636 retrieved from STN-INTERNATIONAL Database accession no. 97:28442 abstract & JP 57 004912 A (NIPPON OIL) 11 January 1982 (1982-01-11)	1,8-10, 13
X	US 4 966 754 A (PUROHIT ET AL) 30 October 1990 (1990-10-30) col. 3: "Blend X" claim 1	13
X	WO 01/38440 A (HAARMANN & REIMER GMBH; HINDERER, JUERGEN; KLINKSIEK, BERND; MANSFELD,) 31 May 2001 (2001-05-31) page 5, lines 3,5,8,11 page 4, lines 22,25,29,31 page 1, line 4 - line 6	1-3,5-8
A	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; August 1994 (1994-08), ANDO Y: "'Breeding control and immobilizing effects of wood microingredients on house dust mites!" XP002326637 Database accession no. NLM7949285 abstract & 'NIPPON KOSHU EISEI ZASSHI! JAPANESE JOURNAL OF PUBLIC HEALTH. AUG 1994, vol. 41, no. 8, August 1994 (1994-08), pages 741-750, ISSN: 0546-1766	1-13
X	DATABASE WPI Section Ch, Week 200130 Derwent Publications Ltd., London, GB; Class B04, AN 2001-285209 XP002326640 & JP 2000 355545 A (KARITA T) 26 December 2000 (2000-12-26) abstract -/--	1-10

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	<p>-&amp; PATENT ABSTRACTS OF JAPAN vol. 2000, no. 15, 6 April 2001 (2001-04-06) &amp; JP 2000 355545 A 26 December 2000 (2000-12-26) abstract</p>	
X	<p>-----</p> <p>DATABASE WPI Section Ch, Week 199346 Derwent Publications Ltd., London, GB; Class D22, AN 1993-364332 XP002326641 &amp; JP 05 269186 A (MATSUSHITA ELECTRIC WORKS LTD) 19 October 1993 (1993-10-19) abstract</p>	1,8-10
A	<p>-----</p> <p>DATABASE WPI Section Ch, Week 200344 Derwent Publications Ltd., London, GB; Class C03, AN 2003-461738 XP002326642 &amp; JP 2003 055122 A (SHINTO FINE KK) 26 February 2003 (2003-02-26) abstract</p>	1-13
X	<p>-----</p> <p>WO 03/015522 A (LEE, HOI-SEON) 27 February 2003 (2003-02-27) page 4, line 11 - page 5, line 1 tables 1,2 claims 1,4,7</p>	1,4,8
X	<p>-----</p> <p>US 2002/022043 A1 (MILLER JEFFREY D) 21 February 2002 (2002-02-21) paragraph '0006! - paragraph '0008! paragraph '0011!</p>	1,2,8
X	<p>-----</p> <p>DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002326638 retrieved from STN-INTERNATIONAL Database accession no. 132:233050 abstract &amp; JP 2000 095604 A (SEKISUI CHEMICAL) 4 April 2000 (2000-04-04)</p>	1,8
X	<p>-----</p> <p>DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002326639 retrieved from STN-INTERNATIONAL Database accession no. 133:1763 abstract &amp; JP 2000 154103 A (SEKISUI CHEMICAL) 6 June 2000 (2000-06-06)</p>	1,8
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# INTERNATIONAL SEARCH REPORT

PCT/GB2004/004819

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>"VAPORIZING DUST MITES"  ENVIRONMENTAL HEALTH PERSPECTIVES,  vol. 109, no. 8, August 2001 (2001-08),  page A367, XP001202183  ISSN: 0091-6765  the whole document</p>	1,8
X	<p>DATABASE WPI  Section Ch, Week 200104  Derwent Publications Ltd., London, GB;  Class B04, AN 1994-061960  XP002326643  &amp; JP 03 121683 B2 (NIPPON KAYAKU KK)  9 January 2001 (2001-01-09)  abstract</p>	1,8

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  
1-13
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB2004 /004819

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-13 (in part)

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising a citrus oil;  
- methods, uses and deactivants as described in claims 2-13 (in part).

2. claims: 1-9, 11, 12 (in part)

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising a mint oil;  
- methods and uses as described in claims 2-9, 11 and 12 (in part).

3. claims: 1-13 (in part)

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising bois de rose oil;  
- methods, uses and deactivants as described in claims 2-13 (in part).

4. claims: 1-13 (in part)

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising oil of jasmine;  
- methods, uses and deactivants as described in claims 2-13 (in part).

5. claims: 1-9, 11, 12 (in part)

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising frankincense;  
- methods and uses as described in claims 2-9, 11 and 12 (in part).

6. claims: 1-13 (in part)

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International Application No. PCT/GB2004 /004819

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising oil of bergamot;  
- methods, uses and deactivants as described in claims 2-13 (in part).  
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7. claims: 1-13 (in part)

A method of deactivating an allergen, the method comprising dispersing into an airspace containing or able to support said allergen an allergen-deactivating amount of an allergen-deactivating compound comprising oil of lemon grass;  
- methods, uses and deactivants as described in claims 2-13 (in part).  
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# INTERNATIONAL SEARCH REPORT

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